

June 30, 2008

ADS, INC.
PSA, INC.
DICK BACHELDER
71 ORCHARD FARM RD.
YORK ME 03909

ADVANCED DRAINAGE SYSTEMS, INC. (ADS)
SHANE BLACKFORD
4640 TRUMAN BLVD
HILLIARD OH 43026

Re: Description: LEACHING CHAMBER
Manufacturer: ADVANCED DRAINAGE SYSTEMS, INC. (ADS)
Product Name: BIO-DIFFUSER-- ARC 36, ARC 36 end cap, ARC 36 SPC
Model Number(s): **ARC 36 (modified) and ARC 36 SPC (side port coupler)**

[ARC 36 EISA WITH OR WITHOUT GEOTEXTILE 2004 FABRIC = 25.0 SQ. FT./CHAMBER, LAYING LENGTH = 5.0 FT., WIDTH = 33.75 INCHES, HEIGHT = 13 INCHES, MIN. DEPTH OF BURY = 0.5 FT.; MAX. DEPTH OF BURY = 8 FT., OPEN BOTTOM AREA = 12.0 SQ. FT./CHAMBER; AND ARC 36 SPC EISA = 4.5SQ. FT./UNIT, LAYING LENGTH = 1.17 FT.; OPEN BOTTOM AREA = 2.7 SQ. FT./SPC UNIT]

Product File No: 20080276

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of JULY 2012.**

This approval is contingent upon compliance with the following stipulation(s):

- This product must be installed in accordance with the manufacturer's printed instructions, product approval, and plan approval. If there is a conflict between the manufacturer's instructions and the product approval and/or plan approval, the product approval and/or plan approval will take precedence.
- When this product is installed in a dispersal cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must receive wastewater having a BOD5 value between 30 and 220 mg/L and a TSS value between 30 and 150 mg/L.
- When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in individual excavations that create a row of chambers that are horizontally separated from other rows in other excavations by at least 3 feet. The 3-foot measurement is measured between the closest out side edges of the leaching chambers.
- When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, the distribution cell design must allow at least six inches of ponding in the chambers without backflow of wastewater into the drainpipe that discharges into the chambers.
- When this product is installed in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must be installed in a distribution system, which has the top of the distribution cell at or below original grade.

- When this product is installed with geotextile fabric on the sides of this product in a distribution cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, the geotextile fabric must be Reemay Filtration Grade Spunbonded Polyester Style No. 2004 fabric.
- When this product is installed with the ARC 36 SPC, side port coupler, the design of the distribution cell shall take into consideration the EISA rating for this accessory as stated in the regarding block of the product approval letter, for each SPC unit.

This approval supersedes the approval issued on 11/28/2007 under product file number 20070513.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070513.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
Engineering Consultant--Plumbing Product Reviewer
Commerce; Safety & Buildings Div.
PO Box 2658
201 W Washington Ave.
Madison WI 53703-2658
Phone: 608-266-0955; Fax: 608-283-7456
E-mail: Jean.MacCubbin@wisconsin.gov